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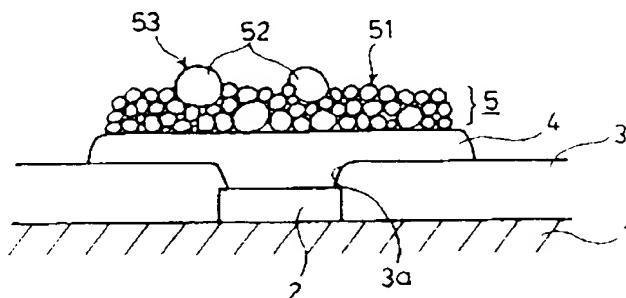
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TITLE : FLUORESCENT CHARACTER
DISPLAY TUBE



ABSTRACT : PURPOSE: To prevent a dark part from occurring as well as to improve the extent of luminance, by rendering low resistive treatment to a high resistance phosphor consisting of a particle of less than the specified diameter, forming it into a phosphor composite, while applying it on an anode plate on a substrate, and forming a phosphor layer.

CONSTITUTION: Low resistive treatment, in mixing, for example, In_2O_3 as a conductive material, is rendered to a high resistance phosphor such as a ZnS system phosphor or the like consisting of a particle of less than $30\mu\text{m}$, manufacturing a phosphor composite. Then, it is applied onto a surface of the anode 4 set up on a substrate 1, forming a phosphor layer 5, and a fluorescent character display tube is thus constituted. And, a particle diameter is regulated whereby the presence of a large particle phosphor 52 in a phosphor layer surface 51 of the phosphor layer 5 is eliminated, and a dark part attributable to the large particle phosphor is prevented from occurring. Accordingly, luminance in the phosphor layer 5 is uniformized, while it is made into high luminance, thus display quality of the display tube is improvable.

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